

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer 90, Artesia, NM 88211

**District III
OIL & GAS INSPECTOR**

1080 Rio Brazos Rd., Aztec, NM 87410

DEC 17 1998

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE**PIT REMEDIATION AND CLOSURE REPORT**Operator: QUESTAR ENERGY COMPANY Telephone: 326-9195Address: Post office BOX 2330, FARMINGTON, NM 87499Facility Or: ARTEC #4-35

Well Name _____

Location: Unit, or Qtr/Qtr sec N sec 35 T 30 R 14 County SAN JUANPit Type: Separator ☒ Dehydrator _____ Other (COMPRESSOR ALSO)

Land Type: BLM _____, State _____, Fee _____, Other _____

Pit Location: Pit dimensions: length 10', width 10', depth 8'
(Attach diagram)Reference: wellhead ☒, other _____Footage from reference: 143'Direction from reference: _____ Degrees _____ East North _____
of
DUE West South _____**Depth To Ground Water:**(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 Points) 0**RECEIVED**
JAN 22 1998**Wellhead Protection Area:**(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)Yes (20 points)
No (0 points) 0**OIL CON. DIV.**
POST 8**Distance To Surface Water:**(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0**RANKING SCORE (TOTAL POINTS):** 0

Date Remediation Started: 11/9/94 Dated Completed: 10/23/95

Remediation Method: Excavation ☒ (Check all appropriate sections)
Landfarmed ☒ Approx. cubic yards _____
Insitu Bioremediation _____
Other LAND FARM INFORMATION - SEE ATTACHMENT

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility) Onsite ☒ Offsite _____

General Description Of Remedial Action: EXCAVATED EARTHEN PIT AREA
DIGGING THROUGH WEATHERED SANDSTONE UNTIL DENSE SAND-
STONE BEDROCK WAS ENCOUNTERED. EXCAVATION MATERIAL WAS
SPREAD ON LOCATION IN SOIL FARMS.

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location CENTER OF PIT AT DENSE BEDROCK

Sample depth 8'

Sample date 11/10/94 Sample time 10:58

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 577 ppm

TPH 1,270 ppm

Ground Water Sample: Yes _____ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 11/13/94

SIGNATURE

PRINTED NAME
AND TITLE

SHAWN A. ADAMS
ENV. CONSULTANT



OFF: (505) 325-8786

LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: 11/11/94
Lab ID: 2193
Sample No. 3942
Job No. 2-1000

Project Name: *Questar Energy Company*
Project Location: *AZTE-300 Aztec #4-35 Sandstone Clearance (soil)*
Sampled by: SA Date: 11/10/94 Time: 10:58
Analyzed by: DLA Date: 11/11/94
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
3942-2193	<i>Questar Energy Company</i> <i>AZTE-300 Aztec #4-35 Sandstone Clearance (soil)</i>	1,270 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:
Date:

Bill Valich
11/11/94

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —

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Page 1 of 1

TECHNOLOGIES, LTD.

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1891-1892

SANDSTONE, MED BROWN, MED. IN

English. 2500. 1810.

Dr. HALE - STOPS the clock

2005-2006 - multi - 2005-2006

Mr. E. J. Connelley

Some girls, I say,

1.6 06.12 19.2.2012 24.12.2012

Spokane, T. B. (1880) 11-

Mr. Vining & Sons, Salt Lake City, Utah

Th. de la Roche, Dec 4 1818

17510

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500 + 200 = 700
200 = 200

5700 2010 2011 2012 2013

Inf. Div. 1970-1971

Figure 6

The figure consists of nine small, vertically arranged illustrations depicting the growth stages of a plant. From top to bottom: 1. A seedling with two leaves emerging from the soil. 2. A seedling with four leaves. 3. A seedling with six leaves. 4. A seedling with eight leaves. 5. A seedling with ten leaves. 6. A seedling with twelve leaves. 7. A seedling with fourteen leaves. 8. A seedling with sixteen leaves. 9. A mature plant with many leaves and a central flower or fruit.

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Newspapers

Wright, George. 400. Sep 1962.

W. H. Brown, President

Week. Feb. 20. 1911.

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14-11-1966

CO. 100: AREA 40-20

NOTES: BUILDING 100' x 8' x 100'

SIZES OF 100' x 100' ELEMENTS

SALES AREA 300' x 100'

WATER 8' x 10' 50' FROM 100'

GROUND OF 500' x 100'

PRACTICE SQUARES

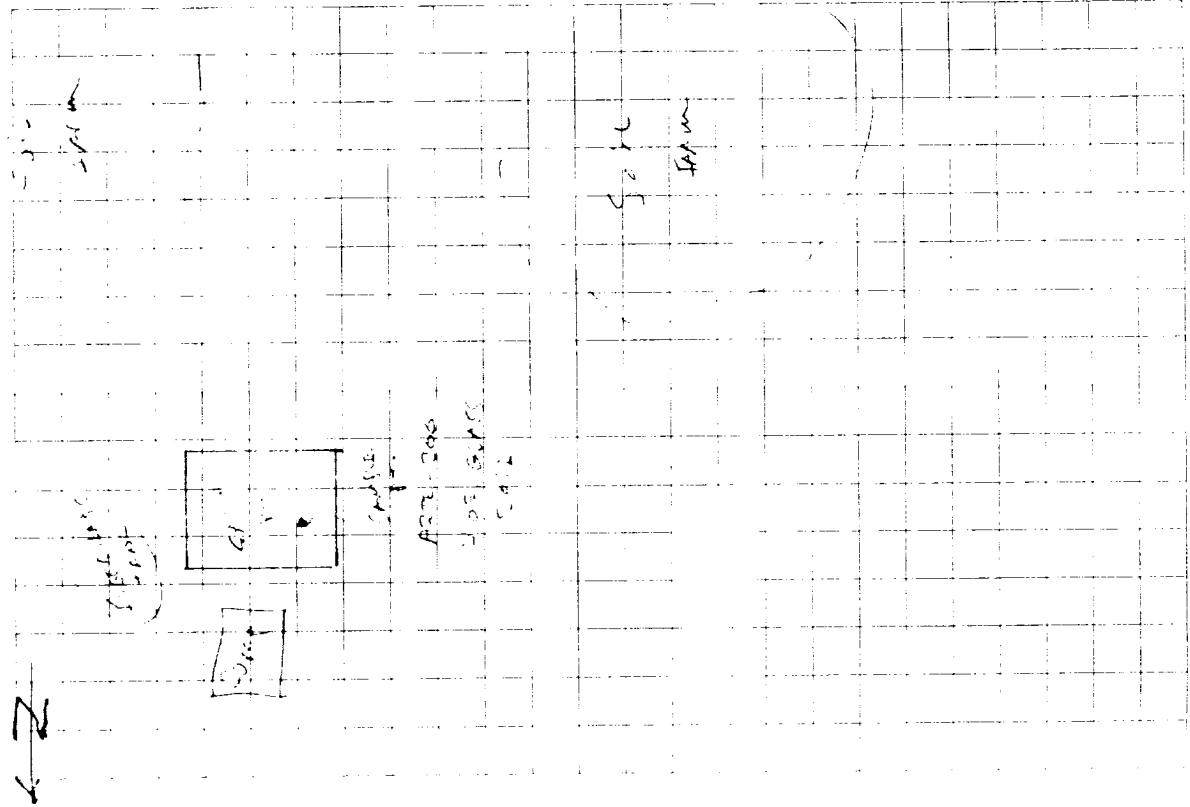
4 20' x 10' SQUARES

HEALING TESTING

DEPT. 100' (100')

7' x 8' 50'

2



Questar Energy Company

Landfarm Information - Aztec # 4-35

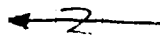
4/20/95	Sample No	Description	Method	Results (PPM)
	Azte - 203	Soil Farm (#1)	418.1	19, 119
	Azte - 204	Soil Farm (#2)	418.1	4,082
10/23/95	Sample No	Description	Method	Results (PPM)
	Azte - 303	Soil Farm Clearance	8015 M	Gas < 5.0 Die 63.8

10/23/95

sample land farm

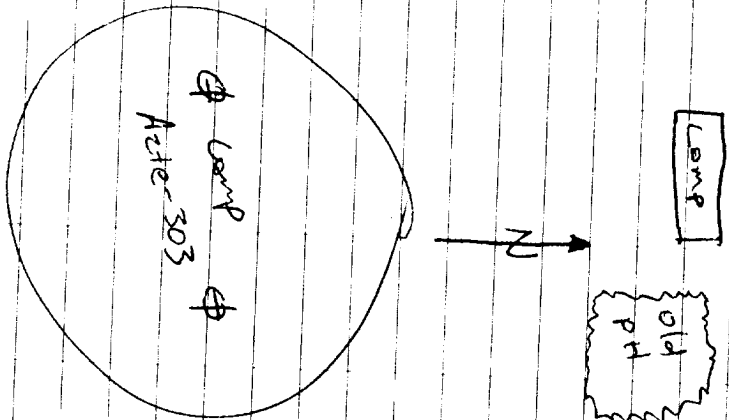
old
old
PH

Land



Land P
Aztec 303

10/23/05 Aztec #4-35
sample land farm



OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
 Company: *Contract Environmental Services, Inc.*
 Address: *P.O. Box 505*
 City, State: *Kirtland, NM 87417*

Date: *30-Oct-95*
 COC No.: *3189*
 Sample No. *8884*
 Job No. *2-1000*

Project Name: **Questar Energy Corporation - Aztec #4-3S**Project Location: **AZTE-303 Soil Farm Clearance**

Sampled by: SA Date: 23-Oct-95 Time: 15:57

Analyzed by: DC Date: 30-Oct-95

Type of Sample: *Soil***Laboratory Analysis**

Analyte	Result	Units of Measure	Detection Limit	Units of Measure
Gasoline Range (C5 - C9)	< 5.0	mg/kg	5.0	mg/kg
Diesel Range (C10 - C28)	63.8	mg/kg	5.0	mg/kg
	TOTAL	63.8		mg/kg

Quality Assurance Report

GRO QC No.: 0429-STD

DRO QC No.: 0430-STD

Calibration Check

Analyte	Method Blank	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	< 1	ppm	1,351	1,450	7.3	15%
Diesel Range (C10 - C28)	< 5	ppm	2,000	2,073	3.6	15%

Matrix Spike

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	104	106	(70-130)	1	20%
Diesel Range (C10-C28)	86	84	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *Ja 4*
 Date: *10/30/95*

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OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *4/21/95*
COC No. *2668*
Sample No. *6013*
Job No. *2-1000*

Project Name: *Questar Energy Company Aztec #4-35*

Project Location: *AZTE-203 Soil Farm (#1)*

Sampled by: *SA* Date: *4/20/95* Time: *10:00*

Analyzed by: *BV* Date: *4/21/95*

Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>6013-2668</i>	<i>Questar Energy Company Aztec #4-35 AZTE-203 Soil Farm (#1)</i>	<i>19,118 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *De Gx*
Date: *4/21/95*

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OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *4/21/95*
COC No. *2668*
Sample No. *6014*
Job No. *2-1000*

Project Name: *Questar Energy Company Aztec #4-35*
Project Location: *AZTE-204 Soil Farm (#2)*
Sampled by: *SA* Date: *4/20/95* Time: *10:00*
Analyzed by: *BV* Date: *4/21/95*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>6014-2668</i>	<i>Questar Energy Company Aztec #4-35</i> <i>AZTE-204 Soil Farm (#2)</i>	<i>4,082 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *DA*
Date: *4/21/95*

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